

IN THE CLAIMS:

Please amend the claims as follows.

1. (Currently Amended) A hand-held music player for use in conjunction with radios, comprising:

a casing;

~~a mini-jack socket on said casing to play music into a headphone;~~

a first transfer socket on said casing, distinct from the mini-jack socket, through which an analog song is transferred to an external radio transmitter, the external radio transmitter being an FM or an RF transmitter and the external radio transmitter comprising a radio data system (RDS) transmitter;

a second transfer socket on said casing, distinct from the mini-jack socket and the first transfer socket, through which a digital song and meta-data for the song are received from a digital music library, and through which the meta-data is transferred to the radio transmitter for transmission by the radio transmitter as RDS data, wherein the meta-data comprises a name ~~and an identifier~~ for the hand-held music player; and

circuitry to process the digital song and meta-data received by said second transfer socket from the digital music library, to generate the analog song transferred by said first transfer socket to the radio transmitter, ~~to generate the meta-data transferred by said second transfer socket to the radio transmitter, and to generate the music played by said mini-jack socket into the headphone.~~

- 2-3. (Canceled)

4. (Previously Presented) The hand-held music player of claim 1 further comprising an LED display to display the meta-data transferred by said second transfer socket to the radio transmitter.

5. (Previously Presented) The hand-held music player of claim 1 further comprising an LCD display to display the meta-data transferred by said second transfer socket to the radio transmitter.

6. (Previously Presented) The hand-held music player of claim 1 wherein the second transfer socket comprises a USB socket.
7. (Original) The hand-held music player of claim 6 wherein said USB socket is a USB 1.1 socket.
8. (Original) The hand-held music player of claim 6 wherein said USB socket is a USB 2.0 socket.
9. (Original) The hand-held music player of claim 6 wherein said USB socket is a USB 2.0 OTG socket.

10-12. (Canceled)

13. (Previously Presented) The hand-held music player of claim 1 wherein the meta-data transferred by the second transfer socket to the radio transmitter includes the name of the analog song transferred by the first transfer socket to the radio transmitter.

14-15. (Canceled)

16. (Previously Presented) The hand-held music player of claim 1 further comprising a frequency selector, for selecting a broadcast frequency for transmission by the radio transmitter.

17. (Original) The hand-held music player of claim 16 wherein said frequency selector comprises a tuner for scanning radio frequencies.

18-57. (Canceled)

58. (New) A hand-held music player for use in conjunction with radios, comprising:
a casing;

a first transfer socket on said casing, through which a song is transferred to an external radio transmitter, for transmission to a radio at a designated radio broadcast frequency;

a second transfer socket on said casing, through which meta-data for the song is transferred to the radio transmitter, for transmission to the radio at the designated radio broadcast frequency; and

circuitry to determine the designated radio broadcast frequency in response to a control command received from the radio transmitter.

59. (New) The hand-held music player of claim 58 wherein said circuitry determines the designated frequency by searching for a free radio frequency.

60. (New) The hand-held music player of claim 58 wherein said circuitry comprises a frequency selector, for selecting the designated radio broadcast frequency.

61. (New) The hand-held music player of claim 58 wherein said circuitry comprises a tuner for scanning radio frequencies.

62. (New) The hand-held music player of claim 58 wherein the meta-data is transferred to the radio transmitter through said second transfer socket as radio data system (RDS) data.

63. (New) A method for transmitting audio to a radio by a hand-held music player, comprising:

transferring a song, and meta-data for the song, by a hand-held music player, to a radio transmitter, for transmission to a radio at a designated radio broadcast frequency;

receiving, by the hand-held music player, a control command from the radio transmitter; and

determining, by the hand-held music player, the designated radio broadcast frequency in response to said receiving.

64. (New) The method of claim 63 wherein said determining comprises scanning, by the hand-held music player, radio frequencies.

65. (New) The method of claim 63 wherein said determining comprises searching, by the hand-held music player, for a free radio frequency.

66. (New) The method of claim 63 wherein said transferring meta-data for the song comprises transferring, by the hand-held music player, the meta-data as radio data system (RDS) data.

67. (New) A method for transmitting audio to a radio by a hand-held music player, comprising:

receiving, by a hand-held music player, a digital song and meta-data for the song from a digital music library;

transferring, by the hand-held music player, an analog song to an external radio transmitter, the external radio transmitter being an FM or an RF transmitter and the external radio transmitter comprising a radio data system (RDS) transmitter;

transferring, by the hand-held music player, the meta-data for the song to the radio transmitter for transmission by the radio transmitter as RDS data, wherein the meta-data comprises a name for the hand-held music player; and

processing, by the hand-held music player, the digital song received from the digital music library, to generate the analog song transferred by said first transfer socket to the radio transmitter.

68. (New) The method of claim 67 wherein the meta-data transferred to the radio transmitter includes the name of the analog song transferred to the radio transmitter.

69. (New) The method of claim 67 further comprising selecting, by the hand-held music player, a broadcast frequency for transmission by the radio transmitter.

70. (New) The method of claim 69 further comprising scanning, by the hand-held music player, radio frequencies.